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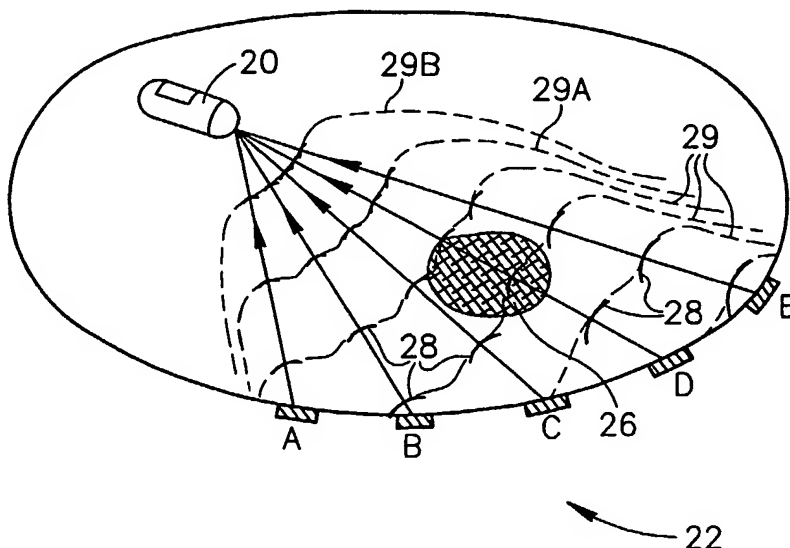
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- (74) Agents: **EITAN, PEARL, LATZER & COHEN-ZEDEK** et al.; 2 Gav Yam Center, 7 Shenkar Street, 46725 Herzlia (IL).
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(54) Title: DEVICE, SYSTEM AND METHOD FOR TRANSFER OF SIGNALS TO A MOVING DEVICE



(57) Abstract: A system for transfer of a signal, such as an energizing signal, to a transmitting in vivo sensing device. The in vivo device includes at least one signal transmitter and at least one signal receiving unit. The system includes an external phased array antenna. The phased array antenna receives a signal from the sensing device and then transmits a signal to the device phased in the reverse order to that of receipt of the signal from the sensing device.

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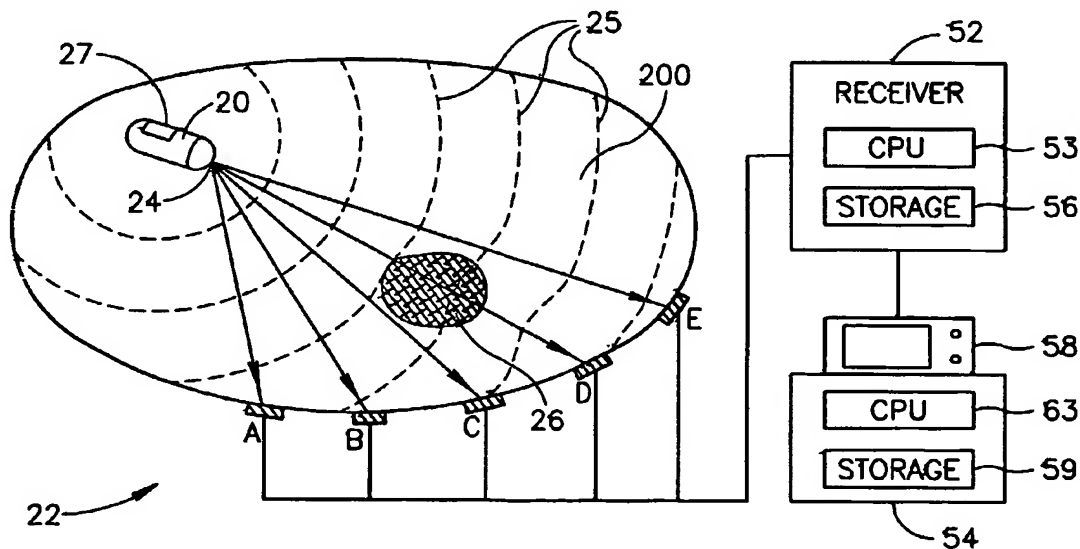
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(57) Abstract: A system for transfer of a signal, such as an energizing signal, to a transmitting in vivo sensing device (20). The in vivo device (20) includes at least one signal transmitter (24) and at least one signal receiving unit (27). The system includes an external phased array antenna (22). The phased array antenna (22) receives a signal from the sensing device (20) and then transmits a signal to the device (20) phased in the reverse order to that of receipt of the signal from the sensing device (20).

INTERNATIONAL SEARCH REPORT

International application No.

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A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61B 19/00

US CL : 128/899

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 128/899; 600/300-302, 309,424 549

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 6,254,548 B1 (ISHIKAWA ET AL) 03 July 2001, see entire document.	1-32
Y, P	US 6,632,175 B1 (MARSHALL) 14 October 2003, see entire document.	1-32
Y, E	US 6,690,963 B2 (BEN-HAIM ET AL) 10 February 2004, see entire document.	1-32
Y, E	US 6,689,056 B1 (KILCOYNE ET AL) 10 February 2004, see entire document.	1-32

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☐ See patent family annex.

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